**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A vacuum insulated refrigerator cabinet comprising an evacuation system for evacuating an insulation space ~~(10)~~ of the cabinet when pressure inside such space is higher than a predetermined value, ~~characterised in that it comprises~~ said system comprising a sensor device having an insulation reference element ~~(14)~~ located on one side of said insulation space ~~(10)~~ and temperature sensors ~~(A, B, C)~~ for assessing the differences of temperature ~~($\Delta T_1$, $\Delta T_2$)~~ across the insulation space ~~(10)~~ and across the insulation reference element ~~(14)~~, such sensor device being suitable for providing the evacuation system with a signal related to the ratio of the above differences of temperature.

2. (currently amended) A vacuum insulated refrigerator cabinet according to claim 1, ~~characterised in that the~~ having such insulation reference element ~~(14) is~~ located on the external side of the cabinet.

3. (currently amended) A vacuum insulated refrigerator cabinet according to claim ~~1 or~~ 2, ~~characterised in that~~ wherein such temperature sensors are three thermocouples ~~(A, B, C)~~ located on a surface of the insulation space ~~(10)~~ opposite the insulation reference element ~~(14)~~, between the insulation space and the insulation reference element and on a surface of the insulation reference element opposite the insulation space.

4. (currently amended) A vacuum insulated refrigerator cabinet according to claim 1 ~~or 2~~, ~~characterised in that~~ wherein such temperature sensors ~~(A, B, C)~~ are resistance thermometers.

5. (currently amended) A vacuum insulated refrigerator cabinet according to claim 4, ~~characterised in that~~ having such temperature sensors ~~(A, B, C) have~~ with an accuracy at least of ~~0,2°C~~ 0.2°C.

6. (currently amended) A vacuum insulated refrigerator cabinet according to claim 1, ~~characterised in that the~~ wherein such evacuation system is adapted to be triggered when the ratio of the above difference of temperature corresponds to a change in heat transfer coefficient higher than 10%.

7. (currently amended) Method for assessing the pressure inside an insulation space ~~(10)~~ of a vacuum insulated cabinet of a refrigerator~~, characterised in that it comprises~~ comprising the steps of evaluating the differences of temperature across the insulation space ~~(10)~~ and across an insulation reference element ~~(14)~~ placed on a side of such insulation space, such evaluation being carried out on the same zone of the vacuum insulated cabinet where the insulation reference element is also placed, and providing a control system of the refrigerator with a signal related to the ratio ~~($T_1/T_2$)~~ of the above differences of temperature, such ratio being indicative of pressure value inside the insulation space.